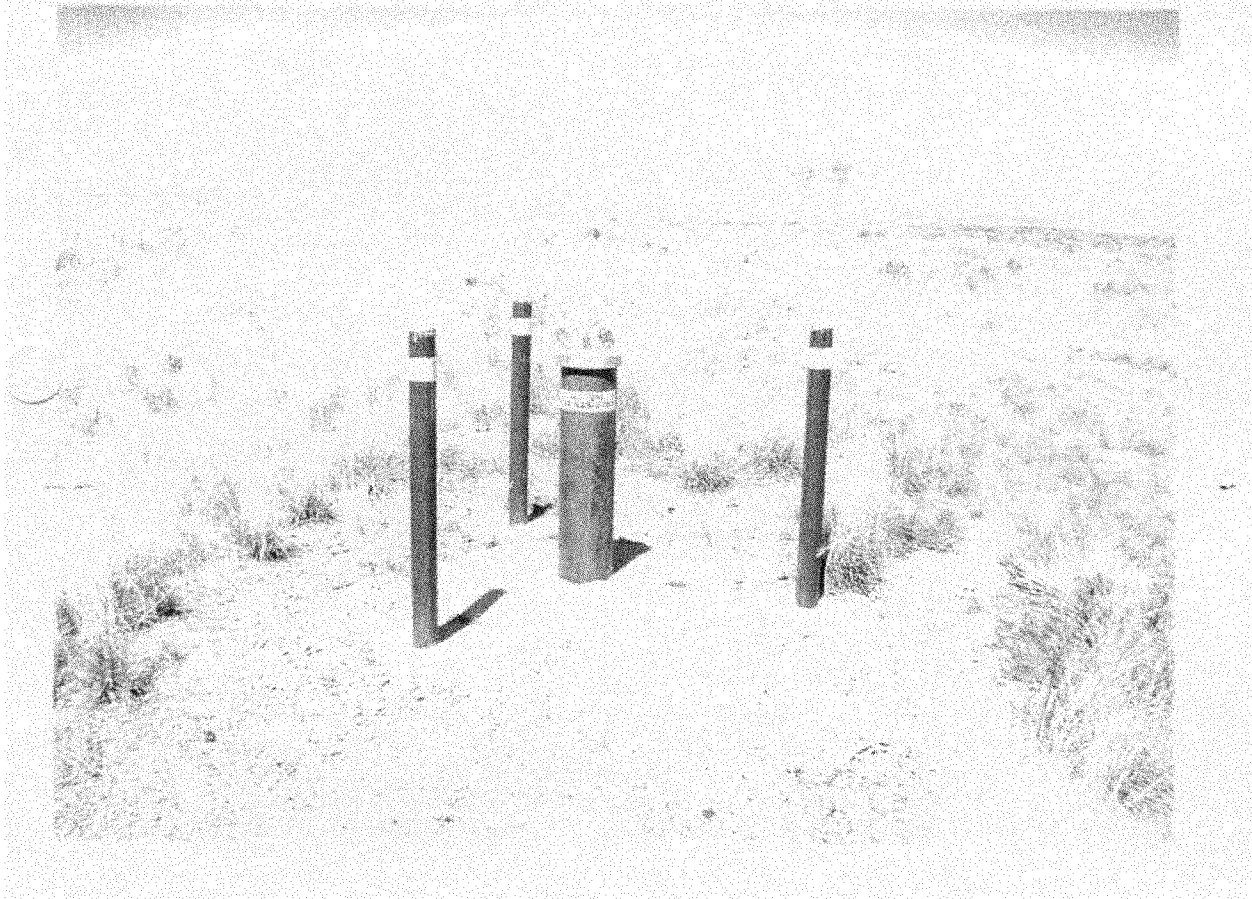


Well ID: 1254

Well Name: CFA-GAS-V-004

Date: May 3, 2001

File Name: CFA\1254 may 3 01.jpg



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Well Inspection Checklist					
Well ID: 1255		Well Name: CFA - GAS-V-005			
Date of Inspection: 5/2/01		Purpose of inspection (check one)			
Location/Directions to the well:		<input type="checkbox"/> Institutional control <input checked="" type="checkbox"/> Routine maintenance <input type="checkbox"/> Nonroutine maintenance <input type="checkbox"/> Other			
0.1 mi. N of Portland/Lincoln intersection, 0.25 mi. E down dirt road on south side of fence					
Identification		Yes	No	GPS Coordinates	
Is well identified, marked with a tag etc			<input checked="" type="checkbox"/>	Easting: 343116	
If yes, describe how, where, and what it says:				Northing: 4822361	
				Projection: UTM	
				Datum: WGS 84	
Locking well cap		Yes	No	GPS grade: Recreational	
Is cap or wellhead box present		<input checked="" type="checkbox"/>			
If yes is it securely attached to the casing		<input checked="" type="checkbox"/>			
How is it attached (circle one)		Welded	<u>Bolted</u>		
Describe the condition of the cap		Good			
Can well be accessed without unlocking, and if so, how (ie unbolt the cap) No					
Locks		Yes	No	Electrical	
Is the well locked upon departure		<input checked="" type="checkbox"/>		Is an electrical plug present	
Identify the condition of the lock		None		What type of plug is present (volts, amps)	
Identify the type (mfr) of lock, and the lock number		American Lock QEE			
Protective Posts		Yes	No	Photographs	
Are protective posts present		<input checked="" type="checkbox"/>		Was the well photographed	
If yes, are post painted yellow			<input checked="" type="checkbox"/>	What camera was used	
If yes, how many (circle one)		1	2	3	4
Is at least one post removable		<input checked="" type="checkbox"/>		Which smart card are the photos on	
Describe the condition of the posts		Good		List the photograph numbers	
				10	
				Photo looking East	
Materials		Yes	No	More materials	
Is a water access line present		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Is a discharge line present	
If yes, what diameter is it				If yes, what diameter	
If yes, what material type (circle one)				If yes, what material type (circle one)	
stainless steel		galvanized steel	PVC	other	stainless steel
If other, what is it				galvanized steel	
Measuring point		Yes	No	If other, what is it	
Is the water level measuring point marked		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Surface Pad	
If yes, how "X" on N. side (M.P.)				Is a concrete pad present	
Stick up		Inches		If yes, describe the condition	
Stick up of surface casing above concrete pad		2 ft + 8 in		Good	
Stick up of well casing stick up above the pad		22 in		Survey	
Stick up of water access pipe above the pad				Is a survey (brass) marker present	
Stick up of water discharge pipe above the pad				If yes, what is recorded	
Describe the general condition of the well		Good		GSP2-01	
[4 gas vapor) ports on 2" steel carrier pipe inside protect casing]				NA027	
Additional comments/Other hazards at the well				Northing 682849.49	
				Easting 294688.85	
				Elev 4930.63	
Checklist prepared by (print) R Garcia		Checklist reviewed by (print) Wendell Jolley			
Signature: [Signature]		Date: 5/2/01		Signature: [Signature] Date: 5/11/01	

Well ID: 1255
Well Name: CFA-645-V-005
Date of Photo: May 2, 2001
File: ... \CFA\1255 May 2 01.jpg



Well ID: 1255

Well Name: CFA-GAS-V-005

Date: May 3, 2001

File Name: CFA\1255 may 3 01.jpg



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Well Inspection Checklist					
Well ID: 1256		Well Name: CFA-GAS-V-006			
Date of Inspection: 5/3/01		Purpose of inspection (check one)			
Location/Directions to the well:		<input type="checkbox"/> Institutional control <input checked="" type="checkbox"/> Routine maintenance <input type="checkbox"/> Nonroutine maintenance <input type="checkbox"/> Other			
0.3 mi. N on Lincoln from Portland/Lincoln intersection. Well is on E side of road					
Identification		Yes	No	GPS Coordinates	
Is well identified, marked with a tag etc			<input checked="" type="checkbox"/>	Easting: 342948	
If yes, describe how, where, and what it says:				Northing: 4822604	
				Projection: UTM	
				Datum: WGS 84	
Locking well cap		Yes	No	GPS grade: Recreational	
Is cap or wellhead box present		<input checked="" type="checkbox"/>			
If yes is it securely attached to the casing		<input checked="" type="checkbox"/>			
How is it attached (circle one)		Welded	<input checked="" type="checkbox"/> Bolted		
Describe the condition of the cap		Good			
Can well be accessed without unlocking, and if so, how (ie unbolt the cap) No					
Locks		Yes	No	Electrical	
Is the well locked upon departure		<input checked="" type="checkbox"/>		Is an electrical plug present	
Identify the condition of the lock		New		What type of plug is present (volts, amps)	
Identify the type (mfr) of lock, and the lock number		American Lock QEE			
Protective Posts		Yes	No	Photographs	
Are protective posts present		<input checked="" type="checkbox"/>		Was the well photographed	
If yes, are post painted yellow			<input checked="" type="checkbox"/>	What camera was used	
If yes, how many (circle one)		1	2	<input checked="" type="checkbox"/> 3	4
Is at least one post removable		<input checked="" type="checkbox"/>		Which smart card are the photos on	
Describe the condition of the posts		Good		List the photograph numbers	
				Photo taken to 3	
Materials		Yes	No	More materials	
Is a water access line present			<input checked="" type="checkbox"/>	Is a discharge line present	
If yes, what diameter is it				If yes, what diameter	
If yes, what material type (circle one)				If yes, what material type (circle one)	
stainless steel		galvanized steel	PVC	other	stainless steel
If other, what is it				galvanized steel	
Measuring point		Yes	No	Surface Pad	
Is the water level measuring point marked		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Is a concrete pad present	
If yes, how "X" or E side (M.P.)				If yes, describe the condition	
Stick up		Inches		Good	
Stick up of surface casing above concrete pad		3 ft 1 in			
Stick up of well casing stick up above the pad		26 in		Survey	
Stick up of water access pipe above the pad				Is a survey (brass) marker present	
Stick up of water discharge pipe above the pad				If yes, what is recorded	
Describe the general condition of the well		Good		GSP2-02	
4 vapor ports inside protective casing				Northing 683639.07	
attached to 2" carrier (metal) pipe				Easting 294128.07	
Additional comments/Other hazards at the well				Elev. 4933.51	
Checklist prepared by (print) R. Garcia		Checklist reviewed by (print) Wendell Jolley			
Signature: <i>R. Garcia</i>		Signature: <i>Wendell Jolley</i>			
Date: 5/2/01		Date: 5/7/01			

Well ID: 1256
Well Name: CFA-GAS-V-006
Date of Photo: May 3, 2001
File: ... \CFA\1256 May 3 01.jpg

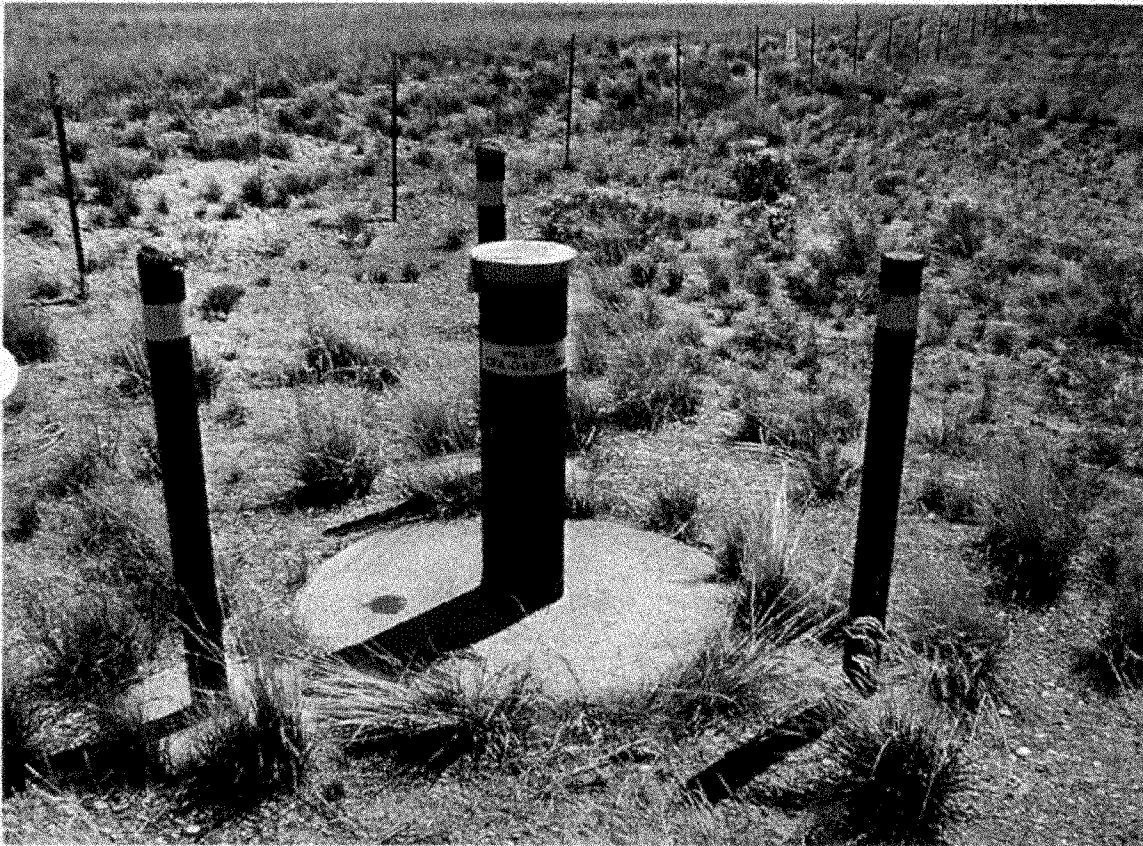


Well ID: 1256

Well Name: CFA-GAS-V-006

Date: May 3, 2001

File Name: CFA\1256 may 3 01.jpg



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Well Inspection Checklist					
Well ID: 1257		Well Name: CFA-GAS-V-007			
Date of Inspection: 5/3/01		Purpose of inspection (check one)			
Location/Directions to the well: 1/4 mi. down road between landfill #1 & landfill #3		<input type="checkbox"/> Institutional control			
		<input checked="" type="checkbox"/> Routine maintenance			
		<input type="checkbox"/> Nonroutine maintenance			
		<input type="checkbox"/> Other			
Identification		Yes	No	GPS Coordinates	
Is well identified, marked with a tag etc			<input checked="" type="checkbox"/>	Easting: 342289	
If yes, describe how, where, and what it says:				Northing: 4822692	
				Projection: UTM	
				Datum: WGS 84	
Locking well cap		Yes	No	GPS grade: Recreational	
Is cap or wellhead box present		<input checked="" type="checkbox"/>			
If yes is it securely attached to the casing		<input checked="" type="checkbox"/>			
How is it attached (circle one)		Welded	<u>Bolted</u>		
Describe the condition of the cap <u>Good</u>					
Can well be accessed without unlocking, and if so, how (ie unbolt the cap) <u>No</u>					
Locks		Yes	No	Electrical	
Is the well locked upon departure		<input checked="" type="checkbox"/>		Is an electrical plug present	
Identify the condition of the lock <u>New</u>				What type of plug is present (volts, amps)	
Identify the type (mfr) of lock, and the lock number					
<u>American Lock QEE</u>					
Protective Posts		Yes	No	Photographs	
Are protective posts present		<input checked="" type="checkbox"/>		Was the well photographed	
If yes, are post painted yellow			<input checked="" type="checkbox"/>	What camera was used <u>Canon 2</u>	
If yes, how many (circle one) 1 2 <u>3</u> 4 5				Which smart card are the photos on <u>1</u> 2 3	
Is at least one post removable		<input checked="" type="checkbox"/>		List the photograph numbers <u>8</u>	
Describe the condition of the posts <u>Good</u>				<u>Photo to 3</u>	
Materials		Yes	No	More materials	
Is a water access line present			<input checked="" type="checkbox"/>	Is a discharge line present	
If yes, what diameter is it				If yes, what diameter	
If yes, what material type (circle one)				If yes, what material type (circle one)	
stainless steel <u>galvanized steel</u> PVC other				stainless steel <u>galvanized steel</u> PVC other	
If other, what is it				If other, what is it	
Measuring point		Yes	No	Surface Pad	
Is the water level measuring point marked		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Is a concrete pad present	
If yes, how "X" on N side (M.R.)				If yes, describe the condition <u>Good</u>	
Stick up		Inches			
Stick up of surface casing above concrete pad		3 ft + 2 1/2 in		Survey	
Stick up of well casing stick up above the pad		26 in		Is a survey (brass) marker present	
Stick up of water access pipe above the pad		-		If yes, what is recorded <u>GSP3-01</u>	
Stick up of water discharge pipe above the pad		-		<u>NA027 coordinates</u>	
Describe the general condition of the well <u>Good</u>				<u>Northing 683893.79</u>	
<u>4 vapor ports on 2" metal carrier pipe</u>				<u>Easting 291968.15</u>	
Additional comments/Other hazards at the well				<u>Elev 4939.04</u>	
<u>Old lock was cut upon arrival. W3 5/7/01</u>					
Checklist prepared by (print) <u>R Garcia</u>		Checklist reviewed by (print) <u>Wendell Jolley</u>			
Signature: <u>[Signature]</u>		Date: <u>5/3/01</u>		Signature: <u>[Signature]</u> Date: <u>5/7/01</u>	

Well ID: 1257

Well Name: CFA-GAS-V-007

Date: May 3, 2001

File Name: CFA\1257 may 3 01.jpg



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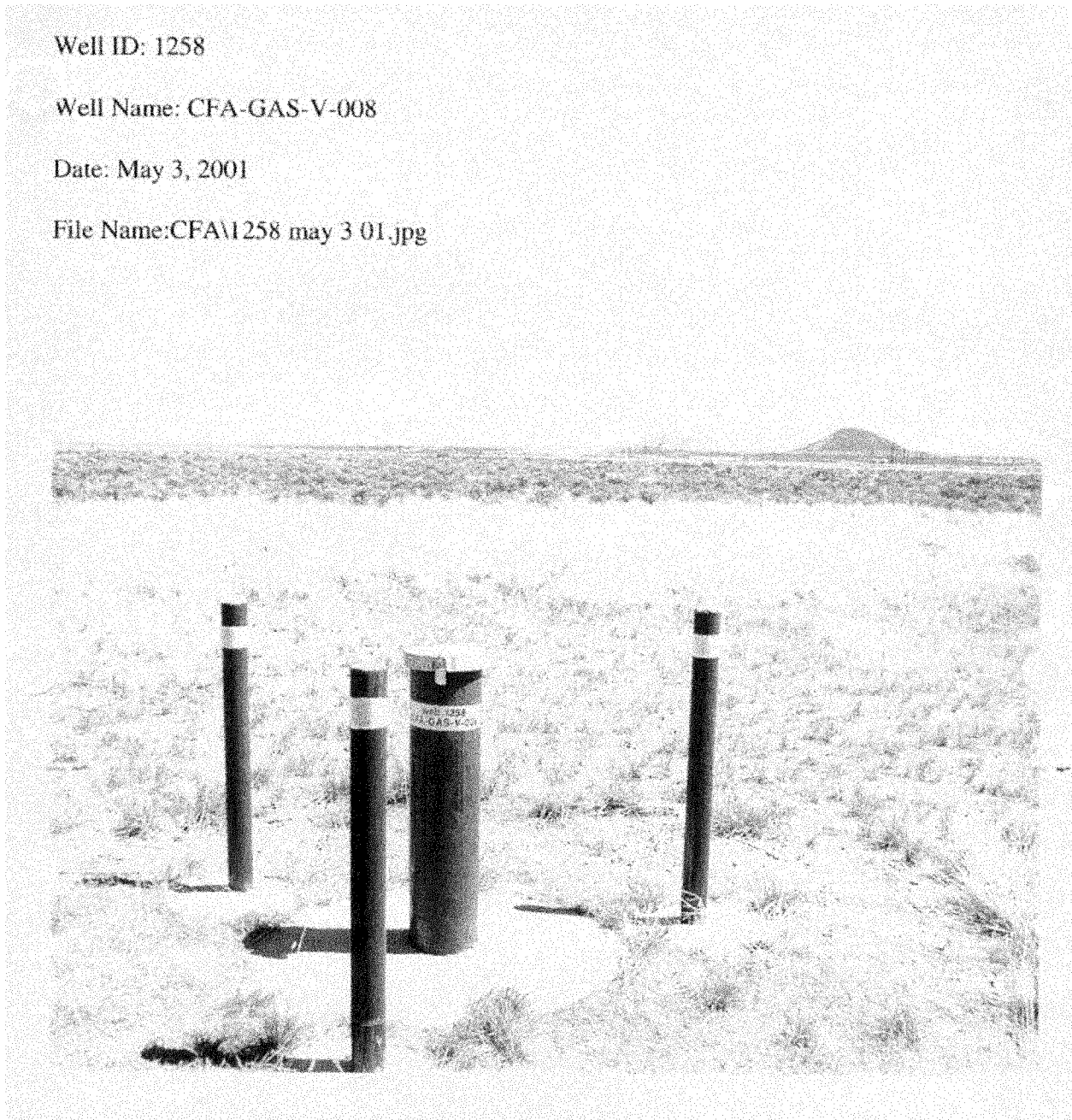
Well Inspection Checklist					
Well ID: 1258		Well Name: CFA-GAS-V-008			
Date of Inspection: 5/3/01		Purpose of inspection (check one)			
Location/Directions to the well:		<input checked="" type="checkbox"/> Institutional control <input type="checkbox"/> Routine maintenance <input type="checkbox"/> Nonroutine maintenance <input type="checkbox"/> Other			
1/4 W down Portland from Lincoln/Portland intersection, go N on dirt road after Rince 1/2 mi, well in on E side of road					
Identification		Yes	No	GPS Coordinates	
Is well identified, marked with a tag etc			<input checked="" type="checkbox"/>	Easting: 342335	
If yes, describe how, where, and what it says:				Northing: 4823005	
				Projection: UTM	
				Datum: WGS 84	
Locking well cap		Yes	No	GPS grade: Recreational	
Is cap or wellhead box present		<input checked="" type="checkbox"/>			
If yes is it securely attached to the casing		<input checked="" type="checkbox"/>			
How is it attached (circle one)		Welded	<input checked="" type="checkbox"/> Bolted		
Describe the condition of the cap Good					
Can well be accessed without unlocking, and if so, how (ie unbolt the cap) No					
Locks		Yes	No	Electrical	
Is the well locked upon departure		<input checked="" type="checkbox"/>		Is an electrical plug present	
Identify the condition of the lock New				What type of plug is present (volts, amps)	
Identify the type (mfr) of lock, and the lock number					
American Lock EE					
Protective Posts		Yes	No	Photographs	
Are protective posts present		<input checked="" type="checkbox"/>		Was the well photographed	
If yes, are post painted yellow			<input checked="" type="checkbox"/>	What camera was used	
If yes, how many (circle one)		1	2	3	4
Is at least one post removable		<input checked="" type="checkbox"/>		Which smart card are the photos on	
Describe the condition of the posts Good				List the photograph numbers	
				9	
				Photo to E	
Materials		Yes	No	More materials	
Is a water access line present			<input checked="" type="checkbox"/>	Is a discharge line present	
If yes, what diameter is it				If yes, what diameter	
If yes, what material type (circle one)				If yes, what material type (circle one)	
stainless steel galvanized steel PVC other				stainless steel galvanized steel PVC other	
If other, what is it				If other, what is it	
Measuring point		Yes	No	Surface Pad	
Is the water level measuring point marked		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Is a concrete pad present	
If yes, how MP. "X" on side (N)				If yes, describe the condition	
Stick up		Inches		Good	
Stick up of surface casing above concrete pad		3 ft 2 in			
Stick up of well casing stick up above the pad		26 in		Survey	
Stick up of water access pipe above the pad				Is a survey (brass) marker present	
Stick up of water discharge pipe above the pad				If yes, what is recorded	
Describe the general condition of the well excellent				GSP3-02	
4 vapor ports on 2" metal casing pipe				NORTHING 684927.13	
inside protect. surf. casing				EASTING 292096.75	
Additional comments/Other hazards at the well				ELEV 4937.42	
Checklist prepared by (print) R Garcia		Checklist reviewed by (print) Wendell Jolley			
Signature: [Signature]		Signature: [Signature]		Date: 5/3/01	

Well ID: 1258

Well Name: CFA-GAS-V-008

Date: May 3, 2001

File Name:CFA\1258 may 3 01.jpg



STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: S. H. McCormick, D. L. Roberts, D. R. Braun Date: July 14 and 21, 1999
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.		
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS
Soil stabilization-Landfill III (except east portion) and Landfill III Extension	Uniform perennial vegetation is required for temporary or permanent cover. Some areas of inadequate soil stabilization were identified July 1998. The plan was to be implemented by March 29, 1999. No efforts were underway to improve vegetation. A consultation was conducted with ecologists from the Environmental Science and Research Foundation June 1998.	Prepare seedbed and seed ditches, topsoil stockpile, and berms by November 1, 1999 (P. M. Wraught).
Soil Stabilization-Landfill I and Landfill III east portion	Noxious weeds were observed (Canada thistle, musk thistle). Noxious weed control measures were not implemented in 1998 or 1999 to date. Vegetation is improving on the sideslopes of the east portion of Landfill III. Some erosion was observed.	Implement noxious weed control measures before weeds bloom each spring (S. H. McCormick).
Offsite tracking	Gravel effectively controls offsite tracking of soil.	No additional action required.
Preventive maintenance	Equipment used at the landfill is routinely maintained, with the exception of the crane.	No additional action required.
Inspections- Landfill III (except east portion) and Landfill III Extension	Inspections have been required since January 1999. Weekly inspections have been performed since June 21, 1999.	Ensure weekly inspections are performed (D. L. Roberts, P. M. Wraught).
Inspections- Landfill I and Landfill III east portion	Monthly inspections have been performed since January 1999 as required.	No additional action required.
Storm Water Team	Team roster is being updated to include Compliance Field Support personnel.	No additional action required.
Storm Water Training	Training is being revised (D. R. Braun).	No additional action required.

**STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION
AT LANDFILLS I, III, AND III EXTENSION**

Evaluated by: S. H. McCormick, D. L.
Roberts, D. R. Braun
Date: July 14 & 21, 1999

Prepared by: S. H. McCormick Date: 8/24/99
Name: S. H. McCormick
Title: Manager, Waste Area Group 4
Representing: Lockheed Martin Idaho Technologies Company

Prepared by: Deane L. Roberts Date: 8-12-99
Name: D. L. Roberts
Title: Landfills III and Extension Storm Water Coordinator
Representing: Lockheed Martin Idaho Technologies Company

Prepared by: D. R. Braun Date: 8-11-99
Name: D. R. Braun
Title: INEEL Storm Water Coordinator
Representing: Lockheed Martin Idaho Technologies Company

Reviewed by: D. K. Jorgensen Date: 8-24-99
Name: D. K. Jorgensen
Title: Manager, Buried Waste and Landfill Restoration
Representing: Lockheed Martin Idaho Technologies Company

Reviewed by: M. C. Tierfan Date: 8-17-99
Name: M. C. Tierfan
Title: Manager, Waste Reduction Operations Complex
Representing: Lockheed Martin Idaho Technologies Company

Reviewed by: C. R. Chebul Date: 8/24/99
Name: C. R. Chebul
Title: ESH&Q Manager, Environmental Restoration
Representing: Lockheed Martin Idaho Technologies Company

Reviewed by: Timothy J. Carlson
Name: T. L. Carlson
Title: ES&H Manager, Waste Reduction Operations Complex
Representing: Lockheed Martin Idaho Technologies Company

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Harold T. Conner, Jr. Date: 8/26/99
Name: H. T. Conner, Jr.
Title: Executive Vice President for Operations and Chief Operating Officer
Representing: Lockheed Martin Idaho Technologies Company

Signature: R. C. Cullison Date: 9/14/99
Name: R. C. Cullison
Title: Environmental Programs and Settlement Agreement Manager
Representing: U.S. Department of Energy-Idaho Operations Office

**STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION
AT LANDFILLS I, III, AND III EXTENSION**

Evaluated by: D. L. Roberts, D. R. Braun,
D. E. Snyder
Date: April 5, 2000

Reviewed by: Joseph A. Landis Date: 5/8/2000
Name: J. A. Landis
Title: Landfill I and III Eastside Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC

Prepared by: D. R. Braun Date: 5.3.00
Name: D. R. Braun
Title: INEEL Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: D. L. Roberts Date: 5-9-00
Name: D. L. Roberts
Title: Landfills II and Extension Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: H. D. Williams Date: 5/10/00
Name: H. D. Williams
Title: Manager, Waste Area Group 4
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: C. R. Chebul Date: 5/11/00
Name: C. R. Chebul
Title: ESH&QA Manager, Environmental Restoration
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: M. C. Tierman Date: 5-15-00
Name: M. C. Tierman
Title: Site Area Director, Waste Reduction Operations Complex
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: T. L. Carlson Date: 5-15-00
Name: T. L. Carlson
Title: ESH&QA Manager, Waste Reduction Operations Complex
Representing: Bechtel BWXT Idaho, LLC

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: [Signature] Date: 5-23-00
Name: R. S. Watkins
Title: ESH&QA General Manager
Representing: Bechtel BWXT Idaho, LLC

Signature: [Signature] Date: 10/26/00
Name: R. C. Sullivan
Title: Environmental Technical Support Division Acting Director
Representing: U.S. Department of Energy Idaho Operations Office

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, D. R. Braun, D. E. Snyder Date: April 5, 2000	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
Inspections- Landfill III (except east portion) and Landfill III Extension	Inspections have been performed as required.	No additional action required.	
Inspections- Landfill I and Landfill III east portion	Monthly inspections were performed from January 1999 through September 1999, then quarterly inspections were performed because it was realized that the landfills should be categorized as inactive. Team roster is being updated.	No additional action required.	
Storm Water Team		No additional action required.	
Storm Water Training	Appropriate personnel completed the training (Course 000TRNG68).	No additional action required.	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, D. R. Braun, D. E. Snyder Date: April 5, 2000	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
Grounds	Little windblown litter observed on west side. Otherwise housekeeping generally effective. Windblown litter is being pickup daily.	No additional action required.	
Records	Records are maintained of disposed material.	No additional action required.	
Map	The map is being updated (remove culvert near road).	No additional action required.	
Soil stabilization-Landfill III (except east portion) and Landfill III Extension	Uniform perennial vegetation is required for temporary or permanent cover. Some areas of inadequate soil stabilization were identified July 1998. The 1999 evaluation required seeding of ditches, topsoil stockpile, and berms. Ditches were seeded in November 1999, but growth was not yet evident (due to cold weather). The topsoil stockpile and berms were not seeded.	Establish perennial vegetation on topsoil stockpile as soon as practicable (ICARE DR 12292). Control weeds on gravel berms (P. M. Wraught).	
Soil Stabilization-Landfill I and Landfill III east portion	Noxious weeds were observed (Canada thistle, musk thistle). Noxious weed control measures apparently were not implemented since 1997. Slopes of the east portion of Landfill III showed some erosion.	Implement noxious weed control measures as soon as practicable (ICARE DR 10414). Repair and seed eroded areas (H. D. Williams).	
Offsite tracking	Gravel effectively controls offsite tracking of soil.	No additional action required.	
Preventive maintenance	Equipment used at the landfill is routinely maintained, with the exception of the crane, which still needs repair.	Complete repair as soon as possible using good spill prevention techniques (M. R. Carroll).	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, D. R. Braun, D. E. Snyder Date: April 5, 2000	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
Asbestos waste disposal trench	Empty boxes, wood chips, cranes, and containers of asbestos waste were observed.	No additional action required.	
Spill prevention	One crane was in need of repair; it has been in the landfill with a drip pan since the previous evaluation. The storm water plant states that equipment is not fueled or maintained at the landfill. Repair progress is documented in weekly inspection reports.	No additional action required (see preventive maintenance).	
Non-storm water discharges	There are no nonstorm water discharges, including leachate. The 1999 review of the Liquid Effluent Inventory was completed June 1999 and the 2000 review is scheduled to be completed June 2000.	No additional action required.	
Monitoring point	The monitoring point and collection basins were dry.	No additional action required.	
Spills and leaks	No significant spills or leaks have occurred.	No additional action required.	
Spill response equipment	The hazardous material response team has spill response equipment at CFA.	No additional action required.	
Storm water management	Basins and ditches were in good condition and effective. The parallel ditches along part of the perimeter were reconfigured into a single ditch with flatter side slopes to facilitate seedbed preparation and seeding. There have been no discharges of storm water from the collection basins or ditches.	No additional action required.	

Annex 2 - 2000 - 1

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION
AT LANDFILLS I, III, AND III EXTENSION

Evaluated by: D. L. Roberts, E. D. Walker, P.
M. Wraught, M. A. Pinzel, R. L. Skinner, C.
J. Duncan, T. J. Safford, R. D. Blew, and C.
J. Craiglow
Date: April 10, 16, and 17, 24, 26, 2001

Reviewed by: Clayton Date: 6-1-01
Name: C. A. Craiglow
Title: Landfill I and III Eastside Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: Dan L. Roberts Date: 6-5-01
Name: D. L. Roberts
Title: Landfills III and Extension Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC
Reviewed by: D. L. Roberts Date: 6/4/01
Name: S. G. Wilkinson
Title: Manager, Waste Area Group 4
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: McPherson Date: 6-5-01
Name: M. C. Tierman
Title: Site Area Director, Waste Reduction Operations Complex
Representing: Bechtel BWXT Idaho, LLC

Prepared by: E. D. Walker Date: 6/1/01
Name: E. D. Walker
Title: INEEL Industrial Storm Water Coordinator
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: Justin Date: 6/5/01
Name: C. R. Chelton
Title: ESH&QA Manager, Environmental Restoration
Representing: Bechtel BWXT Idaho, LLC

Reviewed by: Timothy Carlson Date: 6/5/01
Name: T. L. Carlson
Title: ESH&QA Manager, Waste Reduction Operations Complex
Representing: Bechtel BWXT Idaho, LLC

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: R. S. Watkins Date: 6/6/01
Name: R. S. Watkins
Title: Vice President, Environmental Safety Health and Quality Assurance
Representing: Bechtel BWXT Idaho, LLC

Signature: T. L. Perkins Date: 6/17/01
Name: T. L. Perkins
Title: Director, Environmental Technical Support Division
Representing: U.S. Department of Energy Idaho Operations Office

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wraught, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blew, and C. J. Craiglow Date: April 10, 16, and 17, 24, 26, 2001	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
Asbestos waste disposal trench	Empty boxes, wood chips, and containers of asbestos waste were observed.	No additional action required.	
Spill prevention	A crane in need of repair, discussed in the April 5, 2000 evaluation report was removed from Landfill III extension on September 27, 2000. The storm water plan states that equipment is not fueled or maintained at the landfill. No subcontractor equipment disposes of material in Landfill III Extension (Asbestos Landfill) and therefore, has no potential for leak from their equipment. Landfill equipment is 1991 or newer which minimizes the potential for leaks.	No additional action required.	
Non-storm water discharges	There are no nonstorm water discharges, including leachate. Weekly and quarterly inspections verify this. The 2000 review of the Liquid Effluent Inventory completed June 2000, is additional verification that there are no nonstorm water discharges.	No additional action required.	
Monitoring point	The monitoring point (CFA-MP-4/1) and collection basins were dry. No liquid was present in the	It is recommended that the area be observed during the next snowmelt to observe flow.	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wraught, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blaw, and C. J. Craiglow Date: April 10, 16, and 17, 24, 26, 2001	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
	sampler. There have been no discharges from the landfills to the northeast tributary channel since storm water monitoring was instituted. If there is a discharge in the event of overflow from the middle storm water collection basin on the east side, it is not readily observable that the overflow would discharge to the northeast tributary channel and monitoring point (CFA-MP-4/1) in the channel. There is no record of discharge from the retention basins.	patterns and determine the most appropriate monitoring point. (Environmental Monitoring and Facility Storm Water Coordinators) No additional action required.	
Spills and leaks	No significant spills or leaks have occurred since the April 5, 2000 evaluation.	No additional action required.	
Spill response equipment	The hazardous material response team has spill response equipment at CFA. In addition spill pillows in drip pans are available at the CFA landfill mechanics office.	No additional action required.	
Storm water management	Basins and ditches were in good condition and effective. Culverts to the collection basins on the east side of Landfill III are not blocked and are in good repair. The culvert on the southwest corner of Landfill III Extension was blocked. As reported in the 2000 evaluation, the parallel	The blocked culvert should be cleared. The blocked culvert was partially cleared of sand and gravel on April 16 and was completely cleared on April 24, 2001. No additional action required.	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		<p>Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wraught, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blew, and C. J. Craiglow</p> <p>Date: April 10, 16, and 17, 24, 26, 2001</p>	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
	ditches along part of the perimeter were reconfigured into a single ditch with flatter side slopes to facilitate seedbed preparation and seeding. There have been no discharges of storm water from the collection basins or ditches.		
Grounds	No windblown litter was observed. Windblown litter is being picked up daily. Housekeeping is effective.	No additional action required.	
Records	Records are maintained of disposed material.	No additional action required.	
Map	The map is being updated.	Revise the map. Revision of the map was completed on 4/19/01. No additional action required.	
Soil stabilization- Landfill III Extension	Uniform perennial vegetation is required for temporary or permanent cover. It was reported that weeds on the berms and soil stockpile were removed or buried and the berms and the soil stockpile were seeded on 5/17/2000. The soil plant ecologist indicated it was too early to expect germination. Vehicle tracks were noted on the soil stockpile.	<p>It is recommended that signs or other measures be utilized to prevent traffic on the seeded area of the soil stockpile. Signs were placed on the north and south ends of the soil stockpile the week of 4/17/01. The signs read " Newly Seeded Area Keep Off".</p> <p>No additional actions required.</p>	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION			Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wraught, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blew, and C. J. Craiglow
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			Date: April 10, 16, and 17, 24, 26, 2001
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
	Ditches were seeded in November 1999, and new growth was evident during the 2001 evaluation. The Stoller plant ecologist indicated it is still too early to determine the likelihood of success, and the ditches should be watched over the next few years to determine if the native species planted can become established or if competition from cheatgrass is too strong.		
Soil Stabilization -- old asbestos landfill on the north end of Landfill III Extension	The area has temporary cover of predominantly sand and gravel. Annual maintenance is ongoing to fill areas that subside. There was very little vegetation and some Indian Rice grass and Kochia were present. The Stoller plant ecologist indicated that the gravelly cover will not likely support Cheat grass. It was reported that weeds will be continue to be controlled by periodic blading as part of the maintenance activities for this area	No additional action required.	
Soil Stabilization-Landfill I and Landfill III east portion	Dead noxious weed stalks were observed (Canada thistle, musk thistle), but there was no evidence of new thistle growth during the 2001 evaluation. Weeds were treated with a herbicide in 1999 and hand removal of Canada thistle was	No additional action required.	

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STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, III, AND III EXTENSION		Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wraught, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blew, and C. J. Craiglow Date: April 10, 15, and 17, 24, 26, 2001	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.			
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
	<p>conducted in the summer of 2000. It may be too early to evaluate if eradication of noxious weeds has been fully achieved. It was reported that if noxious weeds are observed during ongoing inspections and maintenance, a herbicide will be used to control the weeds.</p> <p>Side slopes of Landfill I and III showed some soil disturbance from burrowing animals and animal trails. While the density of vegetation of the side slopes has not reached the density of the flatter portions of the landfill, vegetation present appears to be effective in reducing erosion. It was reported that re-seeding will take place in low vegetation density areas this fall as part of an ongoing maintenance program for the landfills.</p>	It is recommended that a plant ecologist be utilized to provide guidance for the ongoing landfill cap re-vegetation and maintenance program at Landfill I and III. (Environmental Restoration project manager)	
Offsite tracking	Gravel effectively controls offsite tracking of soil.	No additional action required.	
Preventive maintenance	Equipment used at the landfill is routinely maintained.	No additional action required	
Inspections- Landfill III (except east portion) and Landfill III Extension	Inspections have been performed as required.	No additional action required.	

STORM WATER COMPREHENSIVE SITE COMPLIANCE EVALUATION AT LANDFILLS I, II, AND III EXTENSION		Evaluated by: D. L. Roberts, E. D. Walker, P. M. Wrought, M. A. Pinzel, R. L. Skinner, C. J. Duncan, T. J. Safford, R. D. Blew, and C. J. Craiglow	
Facilities were inspected for evidence of, or the potential for, pollutants exposed to storm water. Observations and required actions are noted.		Date: April 10, 16, and 17, 24, 26, 2001	
AREA, BUILDING, ACTIVITY, ETC.	OBSERVATIONS	REQUIRED ACTIONS	
Inspections- Landfill I and Landfill III east portion	Monthly inspections were performed as required since the 2000 evaluation.	No additional action required.	
Storm Water Team	Team roster is being updated.	No additional action required.	
Storm Water Training	Appropriate personnel completed the training (Course 000TRN68). In addition, tailgate training was presented by the CFA Landfill storm water pollution prevention team leader to equipment operators.	No additional action required.	

Appendix B
Public Notification Announcement



Idaho National Engineering and Environmental Laboratory
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DOE News Release
FOR IMMEDIATE RELEASE
May 20, 2002

NEWS MEDIA CONTACTS:
Stacey Francis (208) 526-0075; syf@inel.gov

INEEL completes five-year review of landfills remediation project

The soil caps placed over Central Facilities Area industrial landfills at the Department of Energy's Idaho National Engineering and Environmental Laboratory to protect people and the environment are working as intended. The five-year review of the remedial action was performed as required by the Environmental Protection Agency.

The INEEL has completed a five-year review of the Central Facilities Area Landfills I, II, and III remediation project and detailed its findings in a recent report that is available to the public. Citizens may request copies of the report or project briefings by calling the INEEL Community Relations Office at (208) 526-4700 or the INEEL's toll-free number at (800) 708-2680.

DOE, the U.S. Environmental Protection Agency and state of Idaho signed a Record of Decision in 1995 for the industrial waste landfills, which the agencies agreed required clean up actions to protect human health and the environment. The remedy included the installation of a native soil cover over each landfill to reduce infiltration of surface water, implementing administrative controls (such as fencing or regulations) to prevent access and environmental monitoring to ensure effectiveness of the remedy.

Construction of the landfill caps was completed in 1997, along with the installation of equipment designed to monitor moisture in the landfills, soil gas and groundwater beneath the site.

Nitrate levels in the groundwater near the landfills remain above the EPA maximum contaminant level of 10 milligrams per liter for community drinking water systems, but below the 20 mg/L concentration allowable for noncommunity water systems. Nitrate concentrations will continue to be monitored annually and re-evaluated at the next five-year review scheduled for 2007. Yearly inspections of institutional controls and annual soil gas surveys will continue.

With a combined area of more than 35 acres, the Central Facilities Area Landfills were used as early as the 1950s and as recently as 1993 to dispose of construction, office and cafeteria waste from the INEEL. To a lesser extent, some hazardous materials, such as solvents, waste oils, paints and chemicals were also disposed of in the landfills.

Detailed information is available in the Administrative Record file for Operable Unit 4-12. The Administrative Record is located at the DOE Reading Room of the INEEL Technical Library, 1776 Science Center Drive, Idaho Falls. Copies can be found at Albertsons Library on the Boise State University campus and the University of Idaho Library in Moscow. The Administrative Record can be accessed on the Internet at <http://ar.inel.gov/home.html>.

The INEEL is a science-based, applied engineering national laboratory dedicated to supporting the DOE's missions in environment, energy, science and national security. The INEEL is operated for the DOE by Bechtel BWXT Idaho, LLC.

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